

## CLAIMS:

1. A method of displaying a graphical user interface (GUI) widget,  
comprising:
- 5 determining the distance D between a displayed GUI widget and a  
displayed selection pointer; and  
scaling the visual size of the displayed GUI widget based on the  
distance D.
- 10 2. The method of claim 1, further comprising:  
defining a mass value m associated with the displayed GUI widget;  
defining a mass value M associated with the displayed selection  
pointer; and  
scaling the visual size of the displayed GUI widget based on the  
15 mass values m and M and the distance D.
3. The method of claim 2, further comprising:  
calculating  $B = \sqrt{m/M}$ ; and  
scaling the visual size of the displayed GUI widget as a function of  
20 B.
4. The method of claim 2, further comprising:  
calculating a force value  $F = m*M/D^2$ ; and  
scaling the visual size of the displayed GUI widget as a function of  
25 the force value F.

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5. A computer-usable medium storing a computer program product for displaying a graphical user interface (GUI) widget, comprising:

- means for determining the distance D between a displayed GUI widget and a displayed selection pointer; and
- means for scaling the visual size of the displayed GUI widget based on the distance D.

6. The computer-usable medium of claim 5, further comprising:

- means for defining a mass value m associated with the displayed GUI widget;

means for defining a mass value M associated with the displayed selection pointer; and

- means for scaling the visual size of the displayed GUI widget based on the mass values m and M and the distance D.

7. The computer-usable medium of claim 5, further comprising:

means for calculating  $B = \sqrt{m/M}$ ; and

- means for scaling the visual size of the displayed GUI widget as a function of B.

8. The computer-usable medium of claim 5, further comprising:

means for calculating a force value  $F = m*M/D^2$ ; and

- means for scaling the visual size of the displayed GUI widget as a function of the force value F.

9. A computer system, comprising:  
a display;  
a graphical user interface (GUI) presented by the display;  
5 a widget displayed in the GUI, the widget having a mass value  $m$   
associated therewith;  
a selection pointer displayed in the GUI, the selection pointer  
having a mass value  $M$  associated therewith;  
means for determining a distance  $D$  between the displayed widget  
10 and selection pointer; and  
means for scaling the visual size of the displayed widget based  
on the mass values  $m$  and  $M$  and the distance  $D$ .
10. The computer system of claim 9, further comprising:  
15 means for calculating  $B = \sqrt{m/M}$ ; and  
means for scaling the visual size of the displayed widget as a  
function of  $B$ .
11. The computer system of claim 9, further comprising:  
20 means for calculating a force value  $F = m \cdot M / D^2$ ; and  
means for scaling the visual size of the displayed widget as a  
function of the force value  $F$ .

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